

SEQUENCE LISTING

<110> Institut National de la Recherche Agronomique (I.N
Centre National de la Recherche Scientifique (CNRS
Ecole Normale Supérieure de Lyon (ENSL)
Université Claude Bernard de Lyon (UCBL)
Biogemma

<120> Nucleic acids encoding an ISUM2A polypeptide and use of said nucleic acids
to obtain transformed plants producing grains altered in germ development.

<130> mutant emb

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<213> Zea mays

<308> AX696058

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<310> WO 03/008585

<311> 2002-07-17

<312> 2003-01-30

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35 40 45
Ala Ser Pro Leu Pro Arg Lys Pro Ala Thr Ser Thr Thr Ser Leu Glu
50 55 60
Val Val Ala Ala Gly Lys Lys Gly Tyr Lys Met Lys Thr His Lys Ala
65 70 75 80
Ser Ala Lys Arg Phe Arg Val Thr Gly Arg Gly Lys Ile Val Arg Arg
85 90 95
Cys Ala Gly Lys Gln His Leu Leu Ala Lys Lys Asn Thr Lys Arg Lys
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<311> 2002-07-17
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<312> 2003-01-30

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<308> AX696079
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<400> 22
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<308> AX696080

<309> 2003-03-31
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<400> 23
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<308> AX696081
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<311> 2002-07-17
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<400> 24
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25